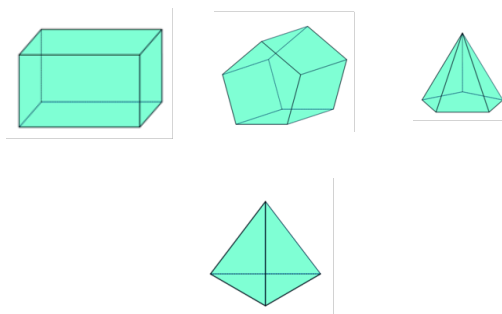
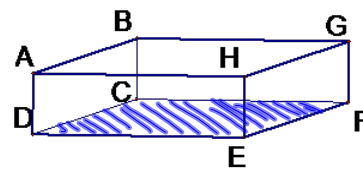


## 12.1 Explore Solids

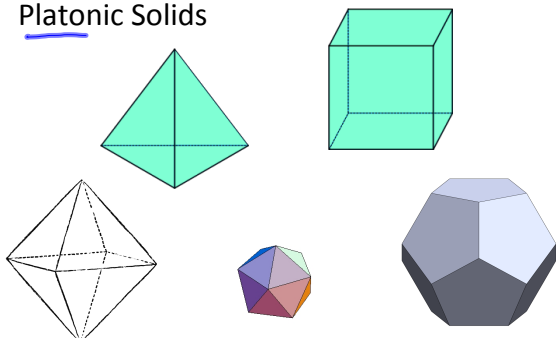
Polyhedron-solid that is bounded by polygons



Not Polyhedra

Faces  $ABCD$ Edges  $\overline{AH}$ Vertex  $H$ 
 $\cong$  polygons in // planes  
 Bases  $DEFC$  &  $ABGH$ 


Polyhedron  
 Regular Polygons—all faces are congruent regular polygons

Platonic Solids

Activity--discover Euler's theorem

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